

ABSTRACT OF THE DISCLOSURE

A noise reduction apparatus is for reducing noise propagated toward a space on one side of a wall from an external  
5 noise source on another side of the wall. The noise reduction apparatus includes a control sound source, an error detector, and a control section. The control sound source is placed on the wall so as to block a noise propagation path. Also, the control sound source radiates a sound into the space. The error detector detects  
10 the sound propagated from the noise source through the control sound source. The control section causes the control sound source to radiate a sound so as to minimize the sound to be detected by the error detector based on detection results of the error detector.